

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP03/23140

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C217/18 C07C217/14 A61K31/135

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95 04277 A (SPHINX PHARMA CORP) 9 February 1995 (1995-02-09) page 9, last paragraph; page 44, scheme VI ---	1,33
A	EP 0 551 662 A (BAYER AG) 21 July 1993 (1993-07-21) abstract; claims 1,7,8 ---	1,33
A	EP 0 171 209 A (MCNEILAB INC) 12 February 1986 (1986-02-12) page 11, paragraph 4; claim 1 ---	1,33
A	EP 0 146 271 A (MCNEILAB INC) 26 June 1985 (1985-06-26) claims 1,16-19 ---	1,33
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the International search

11 December 2003

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Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP03/03089

A. CLASSIFICATION OF SUBJECT MATTER					
IPC 7	C07K14/575	A61K38/22	C12N15/10	A01K67/027	C12N15/86
G01N33/68					

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	REUBI JEAN CLAUDE ET AL: "Y1-mediated effect of neuropeptide Y in cancer: Breast carcinomas as targets" CANCER RESEARCH, vol. 61, no. 11, 1 June 2001 (2001-06-01), pages 4636-4641, XP001156605 ISSN: 0008-5472	1-5
Y	whole document, abstract, lines 3/4, esp. page 4640	1-41
Y	WO 95 00161 A (UNIV CINCINNATI ;BALASUBRAMANIAM AMBIKAIPAKAN (US)) 5 January 1995 (1995-01-05) Claim 12 and related examples, Table II, page 42 ff, Example 5	1-41

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx: 31 651 epo nl. Fax: (+31-70) 340-3016
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Kronester-Frei, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/03089

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MICHEL MARTIN C ET AL: "XVI. International union of pharmacology recommendations for the nomenclature of neuropeptide Y, peptide YY, and pancreatic polypeptide receptors" PHARMACOLOGICAL REVIEWS, vol. 50, no. 1, March 1998 (1998-03), pages 143-150, XP002262056 ISSN: 0031-6997 Table 1, whole document	1-41
Y	WAHLESTEDT C ET AL: "NEUROPEPTIDE Y-RELATED PEPTIDES AND THEIR RECEPTORS-ARE THE RECEPTORS POTENTIAL THERAPEUTIC DRUG TARGETS?" ANNUAL REVIEW OF PHARMACOLOGY AND TOXICOLOGY, ANNUAL REVIEW INC., PALO ALTO, CA, US, vol. 32, 1993, pages 309-352, XP000612055 ISSN: 0362-1642 whole docuemnt, esp. page 312/313, 341ff	1-41
Y	GEHLERT D R: "SUBTYPES OF RECEPTORS FOR NEUROPEPTIDE Y: IMPLICATIONS FOR THE TARGETING OF THERAPEUTICS" LIFE SCIENCES, PERGAMON PRESS, OXFORD, GB, vol. 55, no. 8, 1994, pages 551-562, XP000612039 ISSN: 0024-3205 Table 1, page 553, Cardiovascular system, last sentence of first paragraph	1-41
Y	YU A ET AL: "Vitamin E and the Y4 agonist BA-129 decrease prostate cancer growth and production of vascular endothelial growth factor" JOURNAL OF SURGICAL RESEARCH, vol. 105, no. 1, 1 June 2002 (2002-06-01), pages 65-68, XP002262057 ISSN: 0022-4804 Gastrintestinal hormaone peptide, similar to neuropeptide y	1-41
A	BEHR T M ET AL: "IMPROVED PROSPECTS FOR CANCER THERAPY WITH RADIOLABELED ANTIBODY FRAGMENTS AND PEPTIDES?" JOURNAL OF NUCLEAR MEDICINE, SOCIETY OF NUCLEAR MEDICINE. NEW YORK, US, vol. 37, no. 5, May 1996 (1996-05), pages 834-836, XP000978767 ISSN: 0161-5505 the whole document	39

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International Application No

PCT/US03/03089

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02 051857 A (NANDABALAN KRISHNAN ; CHEW ANNE (US); DENTON R REX (US); GENAISANC) 4 July 2002 (2002-07-04) the whole document -----	1-41

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/03/03089

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 9500161	A 05-01-1995	AU CA EP JP WO ZA	7174494 A 2165200 A1 0707490 A1 11501281 T 9500161 A1 9404338 A	17-01-1995 05-01-1995 24-04-1996 02-02-1999 05-01-1995 14-02-1995
WO 02051857	A 04-07-2002	WO	02051857 A1	04-07-2002